

JAVA.IO.CHARARRAYWRITER CLASS

http://www.tutorialspoint.com/java/io/java_io_chararraywriter.htm

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Introduction

The **java.util.CharArrayWriter** class implements a character buffer that can be used as an **Writer**. The buffer automatically grows when data is written to the stream.

Class declaration

Following is the declaration for **java.util.CharArrayWriter** class:

```
public class CharArrayWriter
    extends Writer
```

Field

Following are the fields for **java.util.CharArrayWriter** class:

- **protected char[] buf** -- This is the buffer where data is stored.
- **protected int count** -- This is the number of chars in the buffer.
- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	CharArrayWriter() This creates a CharArrayReader from the specified array of chars.
2	CharArrayWriter(int initialSize) This creates a new CharArrayWriter with the specified initial size.

Class methods

S.N.	Method & Description
1	<u>CharArrayWriter append(char c)</u> This method appends the specified character to this writer.
2	<u>CharArrayWriter append(CharSequence csq)</u> This method appends the specified character sequence to this writer.
3	<u>CharArrayWriter append(CharSequence csq, int start, int end)</u> This method appends a subsequence of the specified character sequence to this writer.
4	<u>void close()</u> This method close the stream.

5	<u>void flush()</u> This method flush the stream.
6	<u>void reset()</u> This method resets the buffer so that you can use it again without throwing away the already allocated buffer.
7	<u>int size()</u> This method returns the current size of the buffer.
8	<u>char[] toCharArray()</u> This method returns a copy of the input data.
9	<u>String toString()</u> This method converts input data to a string.
10	<u>void write(char[] c, int off, int len)</u> This method writes characters to the buffer.
11	<u>void write(int c)</u> This method writes a character to the buffer.
12	<u>void write(String str, int off, int len)</u> This method write a portion of a string to the buffer.
13	<u>void writeTo(Writer out)</u> This method writes the contents of the buffer to another character stream.

Methods inherited

This class inherits methods from the following classes:

- java.util.Writer
- java.util.Object